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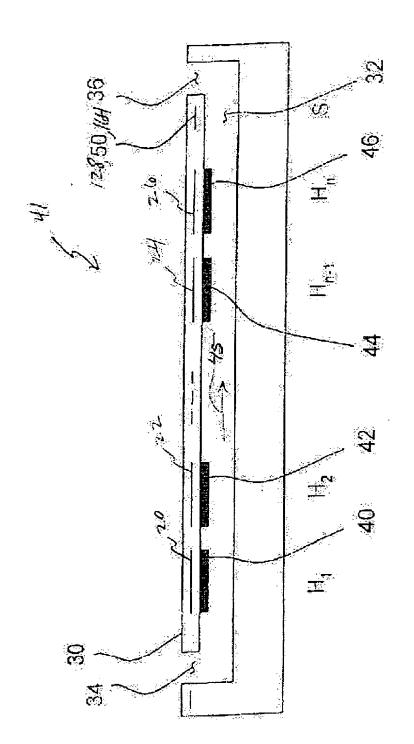
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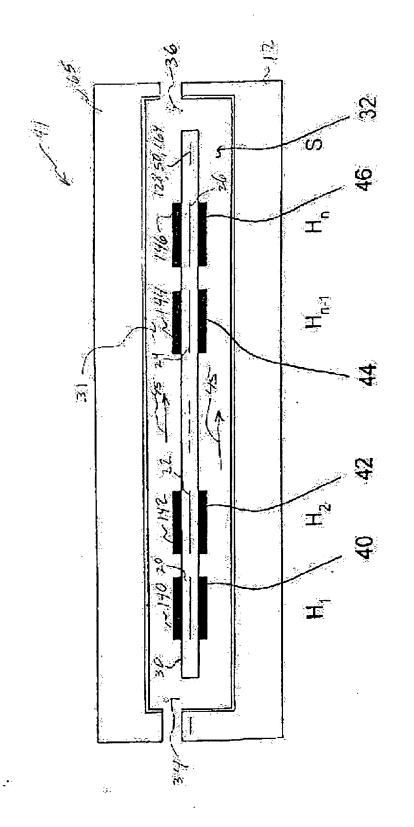
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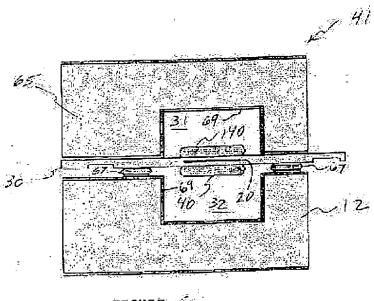
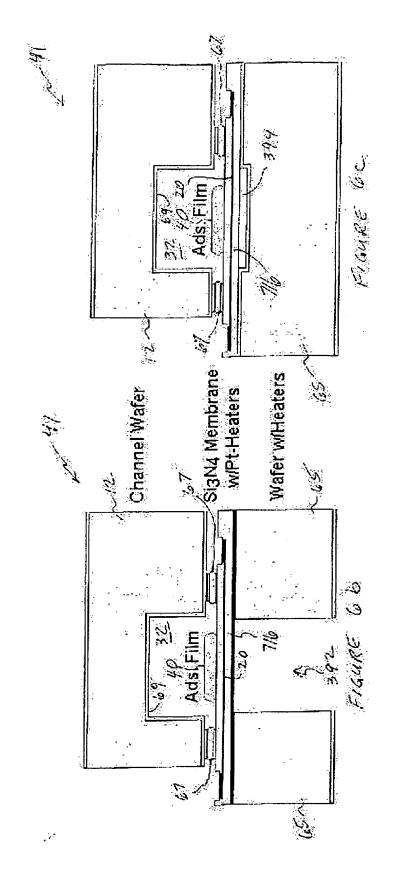


FIGURE éa

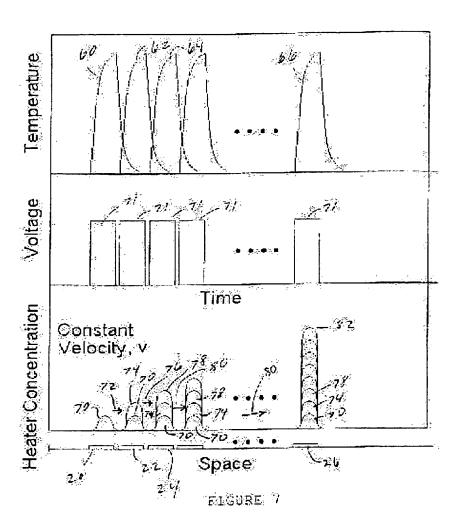
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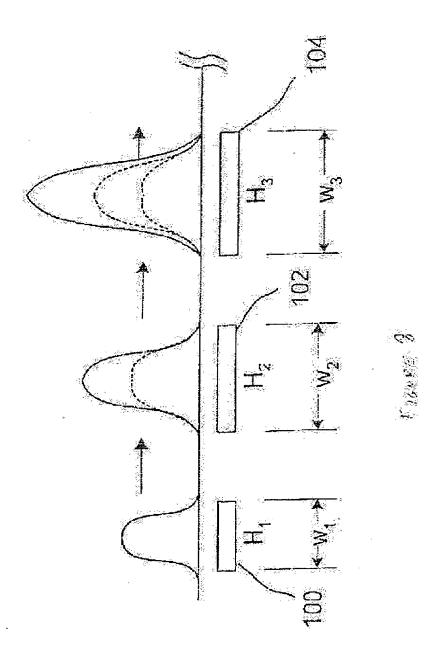


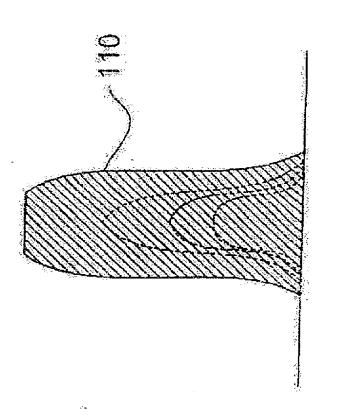
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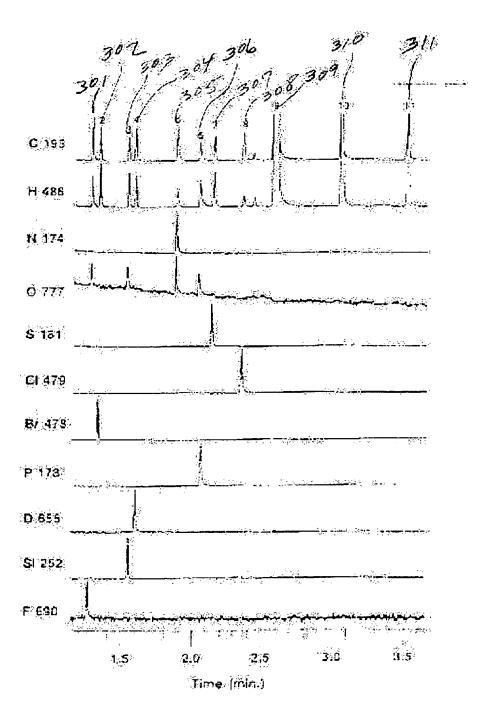
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Figure 10 Comparaton of Detection Limits in pg/s (MDL) and Selectivities × 102 (SRL)

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"Reference ? uses pour wills at base instead of peak width at half lieight to determine MDI, and the numbers have been adjusted accordingly for comparison. "Reference 8 uses 1s instead of peak to peak for 1s instance noise for MDI, and their numbers have been adjusted accordingly for comparison. "Versus hydrogen.

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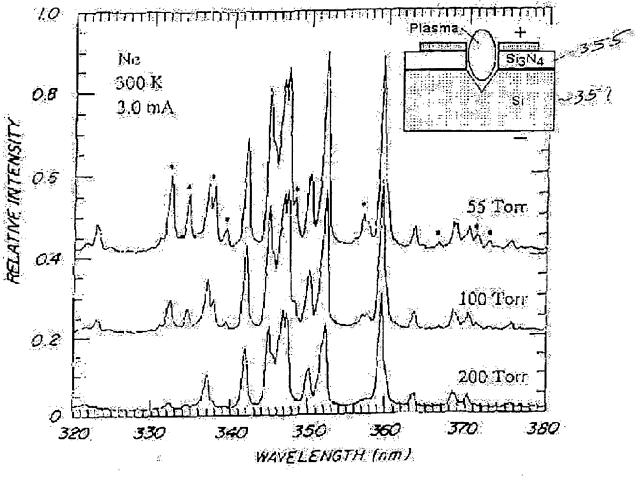


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FIGURE 11

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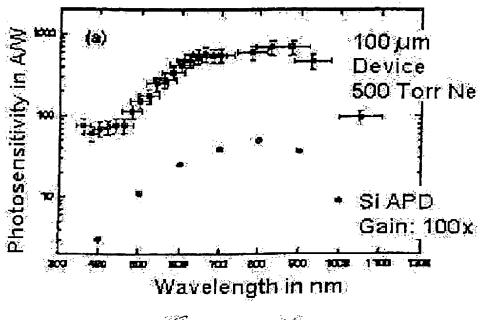
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FIGHRE 19

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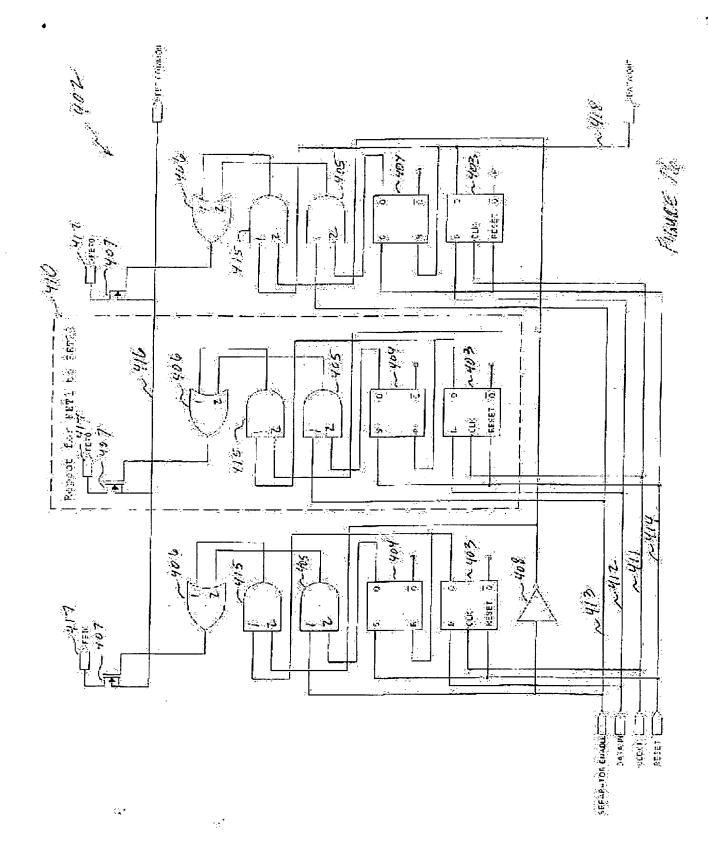
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20-Element Pre-Concentrator

20-Element Separator

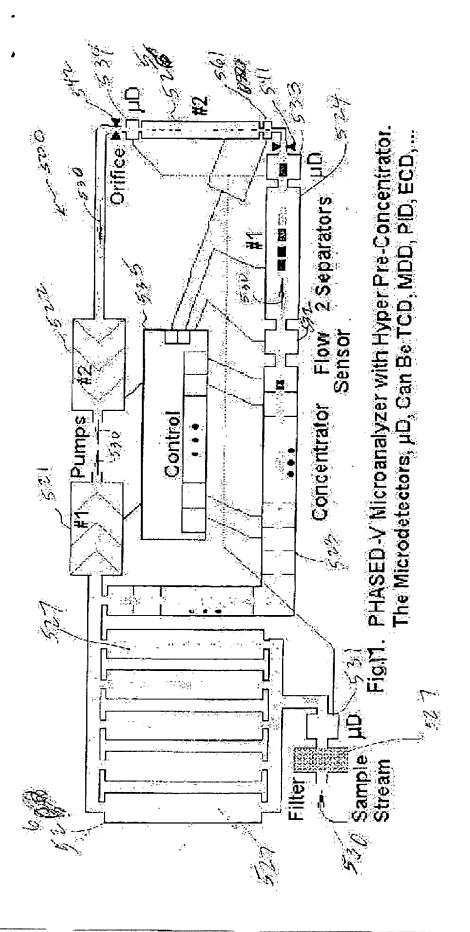
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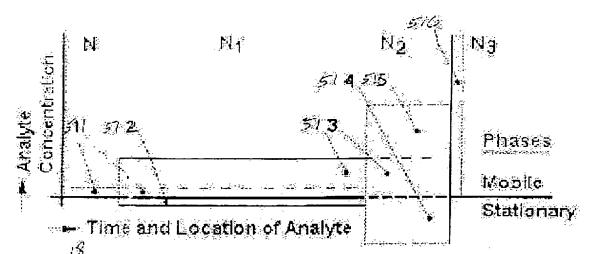


Fig. Rre-Concentrated, Multi-Stage
Pre-Concentration Concept and Examples

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FIGURE 19

Pres Drop at 100 cm/s, 100x100 µm No. of Elem. Length Pres. Drop Peak P.

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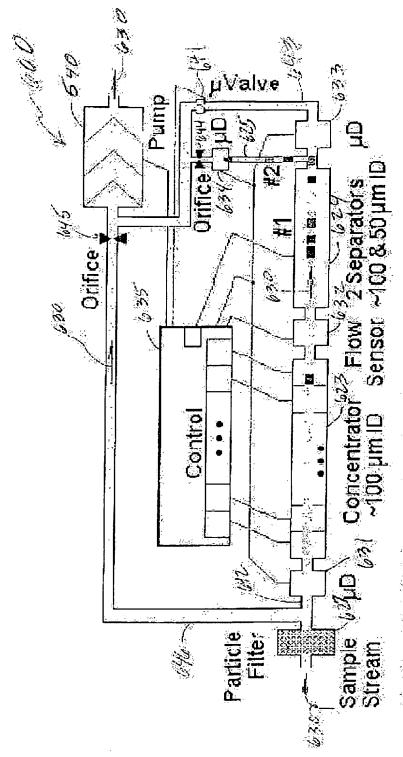
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FIGURE 20

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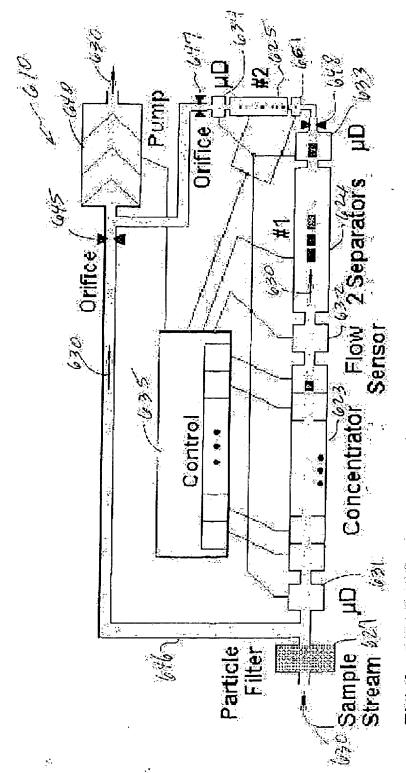


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Fig.21. GC-GC Microanalyzer Implemented on a PHASED Platform. The Microdetectors, µD, Сап Ве ТСD, МDD, PID, ЕСD, ...



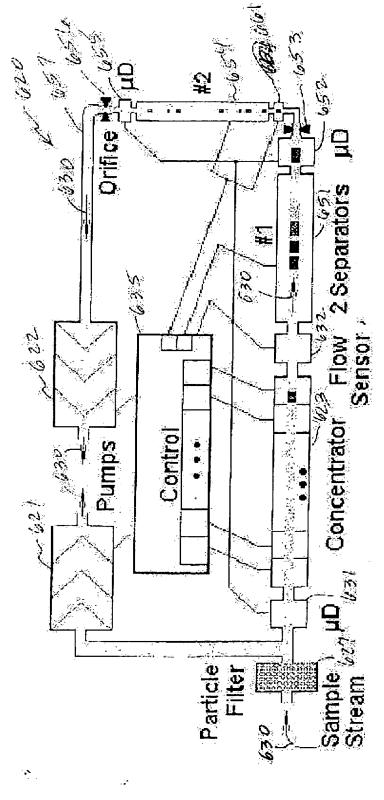
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Fig. 2. GC-GC Microanalyzer Implemented on a PHASED Platform. The Microdetectors, µD, Can Be ТСD, MDD, PID, ЕСD, ...

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Fig. 3. GC-GC Microanalyzer Implemented on a PHASED Platform. The Microdetectors, µD, Can Be TCD, MDD, PID, ECD,....

Table. Design of pGC-pGC System on the Basis of a PHASED Structure

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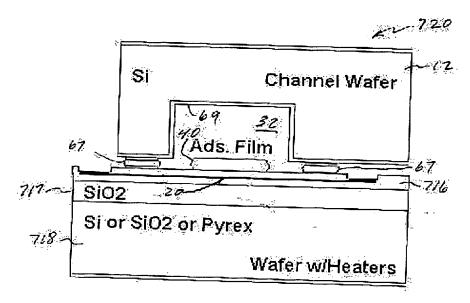
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FIGSHE 26a

